

## EAST Search History

## EAST Search History (Prior Art)

| Ref # | Hits | Search Query  | DBs   | Default Operator | Plurals | Time Stamp          |
|-------|------|---|---|------------------|---------|---------------------|
| L1    | 107  | (NVD "near video on demand" staggered) AND ( (singelcast "single cast" ((dedicat\$3 exclusive assign\$4 allocat\$3 particular limited) NEAR2 (channel path transmission delivery)) narrowcast unicast) SAME (Pause restart resume) )                                | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2011/05/07<br>07:08 |
| L2    | 2991 | (NVD "near video on demand" staggered) AND ( (singelcast "single cast" ((dedicat\$3 exclusive assign\$4 allocat\$3 particular limited single one unitary) NEAR2 (channel path transmission delivery)) narrowcast unicast) AND ("trick play" Pause restart resume) ) | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2011/05/07<br>07:10 |
| L3    | 1517 | 2 AND ((@ad <= "19991013") or (@riad <= "19991013"))  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB                 | OR               | ON      | 2011/05/07<br>07:10 |
| L4    | 141  | 3 AND "725"/\$.ccls.  | US-PGPUB;<br>USPAT;<br>DERWENT  | OR               | ON      | 2011/05/07<br>07:11 |
| L5    | 2    | ("6993788").URPN.   | USPAT   | OR               | ON      | 2011/05/07<br>07:13 |
| L6    | 315  | 3 AND "348"/\$.ccls.  | US-PGPUB;<br>USPAT;<br>DERWENT  | OR               | ON      | 2011/05/07<br>09:39 |
| L7    | 218  | 6 NOT 4   | US-PGPUB;<br>USPAT;<br>DERWENT  | OR               | ON      | 2011/05/07<br>09:39 |
| L8    | 57   | 3 AND "709"/\$.ccls.  | US-PGPUB;<br>USPAT;<br>DERWENT  | OR               | ON      | 2011/05/07<br>10:46 |
| S1    | 68   | 725/8   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB                 | OR               | ON      | 2005/10/27<br>18:22 |

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|----|------|---|---|----|----|---------------------|
| S2 | 54   | 725/8 AND ((@ad <= "19991013") or (@rlad <= "19991013"))  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/10/27<br>18:24 |
| S3 | 30   | 725/89 AND ((@ad <= "19991013") or (@rlad <= "19991013"))   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/03/24<br>17:10 |
| S4 | 28   | (725/89 AND ((@ad <= "19991013") or (@rlad <= "19991013")) NOT (725/8 AND ((@ad <= "19991013") or (@rlad <= "19991013"))))  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/03/24<br>17:10 |
| S5 | 136  | 725/134 AND ((@ad <= "19991013") or (@rlad <= "19991013"))  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/03/24<br>17:10 |
| S6 | 122  | ((725/134 AND ((@ad <= "19991013") or (@rlad <= "19991013")) NOT (((725/89 AND ((@ad <= "19991013") or (@rlad <= "19991013")) NOT (725/8 AND ((@ad <= "19991013") or (@rlad <= "19991013")))) (725/8 AND ((@ad <= "19991013") or (@rlad <= "19991013")))) | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/03/24<br>17:14 |
| S7 | 1731 | 725/8 725/60 725/86-102.<br>ccls. 725/134 725/142   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/03/24<br>17:16 |
| S8 | 586  | (725/8 725/60 725/86-102.<br>ccls. 725/134 725/142)<br>AND ((stor\$3 memory<br>cache download\$3 buffer)<br>NEAR3 (portion segment<br>preview 'lead-in' lead<br>section))   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/04/15<br>20:16 |
| S9 | 381  | ((725/8 725/60 725/86-102.<br>ccls. 725/134 725/142)<br>AND ((stor\$3 memory<br>cache download\$3 buffer)<br>NEAR3 (portion segment<br>preview 'lead-in' lead<br>section))) AND ((@ad <= "19991013") or (@rlad <= "19991013"))                            | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/03/24<br>17:22 |

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| S10 | 152   | ((725/8 725/60 725/86-102.ccls. 725/134 725/142) AND ((stor\$3 memory cache download\$3 buffer) NEAR3 (lead\$3 first initial beginning preview) NEAR3 (part portion segment preview 'lead-in' lead\$3 section)))  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/03/24<br>17:21 |
| S11 | 97    | ((725/8 725/60 725/86-102.ccls. 725/134 725/142) AND ((stor\$3 memory cache download\$3 buffer) NEAR3 (lead\$3 first initial beginning preview) NEAR3 (part portion segment preview 'lead-in' lead\$3 section))) AND ((@ad <= "19991013") or (@rlad <= "19991013")) | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/03/24<br>17:22 |
| S12 | 3659  | 725/8 725/87-102.ccls.<br>725/61 725/131-153.ccls.  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/04/15<br>20:15 |
| S13 | 47939 | ((stor\$3 memory cache download\$3 buffer) WITH ((portion segment section) NEAR3 (preview 'lead-in' lead beginning first advertisement)))   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/12/10<br>16:56 |
| S14 | 257   | (725/8 725/87-102.ccls.<br>725/61 725/131-153.ccls.) AND ( ((stor\$3 memory cache download\$3 buffer) WITH ((portion segment section) NEAR3 (preview 'lead-in' lead beginning first advertisement))) )  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/04/15<br>20:18 |
| S15 | 163   | ((725/8 725/87-102.ccls.<br>725/61 725/131-153.ccls.) AND ( ((stor\$3 memory cache download\$3 buffer) WITH ((portion segment section) NEAR3 (preview 'lead-in' lead beginning first advertisement))) ) ) AND ((@ad <= "19991013") or (@rlad <= "19991013"))        | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/04/15<br>23:29 |
| S16 | 26639 | ((video movie broadcast event) NEAR2 (demand request\$3) or 'VOD' 'V-O-D' or 'N-V-O-D' or 'N-VOD' or 'NVOD' or (pay NEAR2 view) or 'PPV' or 'P-P-V  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/04/15<br>20:28 |

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|------|-----|---|---|----|----|---------------------|
| S17  | 68  | (((((video movie broadcast event) NEAR2 (demand request\$3)) or 'VOD' 'V-O-D' or 'N-V-O-D' or 'N-VOD' or 'NVOD' or (pay NEAR2 view) or 'PPV' or 'P-P-V') SAME ( ((stor\$3 memory cache download\$3 buffer) WITH ((portion segment section) NEAR3 (preview 'lead-in' lead beginning first advertisement))) ))  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/04/15<br>20:28 |
| S18  | 41  | (((((video movie broadcast event) NEAR2 (demand request\$3)) or 'VOD' 'V-O-D' or 'N-V-O-D' or 'N-VOD' or 'NVOD' or (pay NEAR2 view) or 'PPV' or 'P-P-V') SAME ( ((stor\$3 memory cache download\$3 buffer) WITH ((portion segment section) NEAR3 (preview 'lead-in' lead beginning first advertisement))) )) AND ((@ad <= "19991013") or (@rlad <= "19991013")) | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/04/15<br>20:28 |
| S19  | 54  | 725/8 AND ((@ad <= "19991013") or (@rlad <= "19991013"))  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/07/07<br>10:06 |
| S208 | 25  | "5530754"   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/07/07<br>10:06 |
| S209 | 23  | S208 AND ((@ad <= "19991013") or (@rlad <= "19991013"))   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/07/07<br>16:27 |
| S210 | 2   | "6411725".pn.   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/07/07<br>14:15 |
| S211 | 2   | "6481013".pn.   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/07/07<br>16:16 |
| S212 | 477 | 725/89 725/134 725/142  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/07/07<br>16:16 |

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|------|------|--|--|----|----|---------------------|
| S213 | 133  | S212 AND ((@ad <= "19991013") or (@rlad <= "19991013"))  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB        | OR | ON | 2005/07/07<br>16:54 |
| S214 | 52   | S213 AND ((stor\$3 buffer cache memory DVD disc disk\$4) NEAR4 (portion segment 'lead-in'))                        | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/07/07<br>16:52 |
| S215 | 5060 | (minute beginning) WITH ((stor\$3 buffer cache memory DVD disc disk\$4) NEAR4 (section portion segment 'lead-in')) | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/07/07<br>16:53 |
| S216 | 156  | S215 AND "725"/\$.cols.  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/07/07<br>16:54 |
| S217 | 93   | S216 AND ((@ad <= "19991013") or (@rlad <= "19991013"))  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB        | OR | ON | 2005/07/07<br>16:54 |
| S218 | 2    | "5530754".pn.  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/07/11<br>12:50 |
| S219 | 11   | ("5920861" "6266481" "6305017" "6445871" "6446130").pn.  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/07/11<br>12:51 |
| S220 | 512  | 725/89,134,142.cols.   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB        | OR | ON | 2005/10/27<br>18:23 |
| S221 | 495  | S220 AND ((cache memory stor\$3 download\$3) WITH (movie content program TV video))                                | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB        | OR | ON | 2005/10/27<br>18:24 |
| S222 | 185  | S221 AND ((@ad <= "19991013") or (@rlad <= "19991013"))  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB        | OR | ON | 2005/10/27<br>18:27 |

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|------|--------|--|--|----|----|---------------------|
| S223 | 270    | S220 AND ( ((cache memory stor\$3 download \$3) NEAR5 (capacity space amount time \$5bytes MB KB)) WITH (movie content program TV video))  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB        | OR | ON | 2005/10/27<br>18:28 |
| S224 | 100    | S223 AND (((@ad <= "19991013") or (@rlad <= "19991013")))  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB        | OR | ON | 2005/10/27<br>18:28 |
| S225 | 282    | S220 AND ( ((cache memory stor\$3 download\$3 buffer 'pre?load\$3') NEAR5 (capacity space amount time \$5bytes MB KB)) WITH (movie content program TV video))  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB        | OR | ON | 2007/12/10<br>16:54 |
| S226 | 106    | S225 AND (((@ad <= "19991013") or (@rlad <= "19991013")))  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB        | OR | ON | 2005/10/27<br>19:06 |
| S227 | 6      | S220 AND ( ((cache memory stor\$3 download\$3 buffer 'pre?load\$3') NEAR8 (capacity space amount time \$5bytes MB KB) NEAR8 ('laser?dis? 'optical? dis? DVD 'digital video dis?')) WITH (movie content program TV video))          | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB        | OR | ON | 2005/10/27<br>19:05 |
| S228 | 56     | "725"/\$.cds. AND ( ((cache memory stor\$3 download\$3 buffer 'pre?load\$3') NEAR8 (capacity space amount time \$5bytes MB KB) NEAR8 ('laser?dis? 'optical? dis? DVD 'digital video dis?')) WITH (movie content program TV video)) | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB        | OR | ON | 2005/10/27<br>19:05 |
| S229 | 15     | S228 AND (((@ad <= "19991013") or (@rlad <= "19991013")))  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB        | OR | ON | 2005/10/27<br>19:06 |
| S230 | 624897 | ((("set top" cable TV user consumer viewer CATV) NEAR2 (box terminal device unit decoder receiver)) STT STB IRD  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/12/10<br>16:56 |

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|------|--------|--|--|----|----|---------------------|
| S231 | 415    | ((stor\$3 memory cache download\$3 buffer) WITH ((portion segment section) NEAR3 (preview 'lead-in' lead beginning first trailer) WITH S230 )    | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB        | OR | ON | 2007/12/10<br>16:58 |
| S232 | 103    | S231 AND ((@ad <= "19991013") or (@rlad <= "19991013"))  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/12/10<br>17:35 |
| S233 | 9      | S232 and "725"/\$.ccls.  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/12/10<br>17:36 |
| S234 | 13     | S232 and "348"/\$.ccls.  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/12/10<br>17:55 |
| S235 | 192122 | ((program viewer TV channel interactive television CATV movie video user consumer) NEAR2 (guide listing grid schedule menu)) EPG IPG             | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/12/10<br>21:42 |
| S236 | 198472 | ((program electronic viewer TV channel interactive television CATV movie video user consumer) NEAR2 (guide listing grid schedule menu)) EPG IPG  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/12/11<br>22:59 |
| S237 | 889503 | ((("set top" TV CATV viewer user cable interactive consumer integrated satellite) NEAR2 (receiver decoder box terminal device unit)) STB STT IRD | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/12/10<br>21:45 |
| S238 | 8664   | S236 WITH ((\$4cache memory stor\$3 RAM buffer retriev\$4) NEAR3 S236)   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/12/11<br>23:01 |
| S239 | 3190   | S238 AND ((@ad <= "19991013") or (@rlad <= "19991013"))  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/12/11<br>23:00 |
| S240 | 789    | S239 AND "725"/\$.ccls.  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/12/10<br>21:52 |

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| S241 | 1017 | S239 AND "348"/\$.ccls.   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB          | OR | ON | 2007/12/10<br>21:49 |
| S242 | 423  | S236 WITH ((\$4cache<br>memory stor\$3 RAM buffer<br>retriev\$4) NEAR5 (begin\$5<br>start\$3 "lead?n" trailer<br>preview))                  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB          | OR | ON | 2007/12/11<br>23:03 |
| S243 | 184  | S242 AND (((@ad <=<br>"19991013") or (@rlad <=<br>"19991013"))  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB          | OR | ON | 2007/12/10<br>22:21 |
| S244 | 45   | S243 AND "725"/\$.ccls.   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB          | OR | ON | 2007/12/10<br>21:52 |
| S245 | 10   | ("5751282"   "5758259"  <br>"5815145"   "5818441"  <br>"5844552"   "5850218"  <br>"6025837"   "6028600"  <br>"6075526"   "6169543").<br>PN. | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2007/12/10<br>21:55 |
| S246 | 5    | ("6990676").URPN.   | USPAT   | OR | ON | 2007/12/10<br>22:00 |
| S247 | 291  | 725/89.ccls.  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/12/10<br>22:01 |
| S248 | 51   | S247 AND (((@ad <=<br>"19991013") or (@rlad <=<br>"19991013"))  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB          | OR | ON | 2007/12/10<br>22:16 |
| S249 | 146  | 725/134.ccls. AND (((@ad<br><= "19991013") or (@rlad<br><= "19991013"))   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB          | OR | ON | 2007/12/10<br>22:16 |
| S250 | 124  | S249 NOT S248   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB          | OR | ON | 2007/12/10<br>22:20 |



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|------|--------|---|--|----|----|---------------------|
| S251 | 130    | (DVR PVR (personal NEAR2 recorder)) WITH ((\$4cache memory stor\$3 RAM buffer retriev\$4) NEAR5 (begin\$5 start\$3 "lead?n" trailer preview))   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/12/10<br>22:23 |
| S252 | 8      | S251 AND ((@ad <= "19991013") or (@rlad <= "19991013"))   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/12/10<br>22:22 |
| S253 | 196    | (DVR PVR (personal NEAR2 recorder)) SAME ((\$4cache memory stor\$3 RAM buffer retriev\$4) NEAR5 (begin\$5 start\$3 "lead?n" trailer preview))   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/12/11<br>15:50 |
| S254 | 198572 | ((program electronic viewer TV channel interactive television CATV movie video user consumer) NEAR2 (guide listing grid schedule menu)) EPG IPG | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/12/11<br>22:59 |
| S255 | 70426  | S254 AND ((@ad <= "19991013") or (@rlad <= "19991013"))   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/12/11<br>23:01 |
| S256 | 198572 | ((program electronic viewer TV channel interactive television CATV movie video user consumer) NEAR2 (guide listing grid schedule menu)) EPG IPG | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/12/11<br>23:01 |
| S257 | 8667   | S254 WITH ((\$4cache memory stor\$3 RAM buffer retriev\$4) NEAR3 S256)  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/12/11<br>23:01 |
| S258 | 70426  | S255 AND ((@ad <= "19991013") or (@rlad <= "19991013"))   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/12/11<br>23:01 |
| S259 | 3190   | S257 AND ((@ad <= "19991013") or (@rlad <= "19991013"))   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/12/11<br>23:04 |
| S260 | 789    | S259 AND "725"/\$.ccls.   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/12/11<br>23:04 |

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|------|--------|---|--|----|----|---------------------|
| S261 | 423    | S256 WITH (((\$4cache<br>memory stor\$3 RAM buffer<br>retriev\$4) NEAR5 (begin\$5<br>start\$3 "lead?in" trailer<br>preview))  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/12/11<br>23:03 |
| S262 | 184    | S261 AND (((@ad <=<br>"19991013") or (@rlad <=<br>"19991013"))  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/12/11<br>23:04 |
| S263 | 45     | S262 AND "725"/\$.ccls.   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/12/11<br>23:08 |
| S264 | 2      | "6990676".pn.   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/12/11<br>23:08 |
| S265 | 23054  | S264 preview  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/12/11<br>23:09 |
| S266 | 1      | S264 and preview  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/12/11<br>23:09 |
| S267 | 117938 | ((program video TV CATV<br>cable menu schedule<br>interactive) NEAR2 (guide<br>schedule listing grid menu))<br>EPG I PG   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/05/28<br>17:17 |
| S268 | 54231  | ((broadcast TV CATV cable<br>video S267) WITH ((cache<br>memory stor\$3 download\$3<br>buffer 'pre?load\$3') NEAR8<br>(capacity space amount<br>time \$5bytes MB KB))   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB        | OR | ON | 2008/05/28<br>17:19 |
| S269 | 65720  | ((broadcast TV CATV cable<br>video S267) WITH ((cache<br>memory stor\$3 download\$3<br>buffer 'pre?load\$3') NEAR4<br>(portion segment section<br>preview 'lead-in' lead<br>beginning first capacity<br>space amount time \$5bytes<br>MB KB)) | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB        | OR | ON | 2008/05/28<br>17:21 |

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| S270 | 1754309 | ((("set top" CATV TV television cable user consumer subscriber viewer) NEAR2 (box terminal device unit receiver decoder tuner)) or STB or STT or (receiver TV television))  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB        | OR | ON | 2008/05/28<br>17:28 |
| S271 | 9432    | S269 WITH S270  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/05/28<br>17:29 |
| S272 | 4581    | S271 AND (((@ad <= "19991013") or (@rlad <= "19991013")))   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB        | OR | ON | 2008/05/28<br>17:29 |
| S273 | 31047   | (broadcast TV CATV cable video S267) NEAR4 ((cache memory stor\$3 download\$3 buffer 'pre?load\$3') NEAR3 (portion segment section preview 'lead-in' lead beginning first capacity space amount time \$5bytes MB KB)) | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB        | OR | ON | 2008/05/28<br>17:30 |
| S274 | 9432    | S271 WITH S270  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/05/28<br>17:31 |
| S275 | 4581    | S274 AND (((@ad <= "19991013") or (@rlad <= "19991013")))   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB        | OR | ON | 2008/05/28<br>17:31 |
| S276 | 3644    | S273 WITH S270  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/05/28<br>17:32 |
| S277 | 1732    | S276 AND (((@ad <= "19991013") or (@rlad <= "19991013")))   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB        | OR | ON | 2008/05/28<br>17:32 |
| S278 | 294     | S277 AND "725"/\$.COLS.   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB        | OR | ON | 2008/05/28<br>17:33 |
| S279 | 10      | ("2004/0133907").URPN.  | USPAT  | OR | ON | 2008/05/28<br>17:46 |

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| S280 | 2       | ("6018359" "5936659").PN.  | USPAT  | OR | ON | 2008/05/28<br>17:47 |
| S281 | 18      | "6026371"  | USPAT  | OR | ON | 2008/05/30<br>19:16 |
| S282 | 17      | ("6026371").URPN.  | USPAT  | OR | ON | 2008/05/30<br>19:19 |
| S283 | 5       | ("5793966"   "5829001"  <br>"5832487"   "5845299"  <br>"5870552").PN.  | US-PGPUB;<br>USPAT; USOCR                                      | OR | ON | 2008/05/30<br>19:19 |
| S284 | 119631  | ((program video TV CATV<br>cable menu television<br>schedule interactive)<br>NEAR2 (guide schedule<br>listing grid menu)) EPG IPG  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/05/30<br>21:33 |
| S285 | 65831   | ((broadcast TV CATV cable<br>video S284) WITH ((cache<br>memory stor\$3 download\$3<br>buffer 'pre?oad\$3') NEAR4<br>(portion segment section<br>preview 'lead-in' lead<br>beginning first capacity<br>space amount time \$5bytes<br>MB KB))                                       | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB        | OR | ON | 2008/05/30<br>21:34 |
| S286 | 1836455 | ((("set top" CATV TV<br>television cable user<br>consumer subscriber<br>viewer) NEAR2 (box<br>terminal device unit<br>receiver decoder tuner)) or<br>STB or STT or (receiver TV<br>television VCR VTR<br>videocassette PVR<br>((personal video) NEAR2<br>(cassette recorder)) DVR) | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB        | OR | ON | 2008/05/30<br>21:39 |
| S287 | 11429   | S285 WITH S286   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB        | OR | ON | 2008/05/30<br>21:40 |
| S288 | 5606    | S287 AND (((@ad <=<br>"19991013") or (@riad <=<br>"19991013"))   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB        | OR | ON | 2008/05/30<br>21:41 |
| S289 | 685     | S288 AND "725"/\$.CQLS.  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB        | OR | ON | 2008/05/30<br>21:41 |
| S290 | 157     | S288 AND "709"/\$.CQLS.  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB        | OR | ON | 2008/05/30<br>21:42 |

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| S291 | 26   | sie-j\$4.in.   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/05/30<br>22:02 |
| S292 | 2    | "7240359"  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/05/30<br>22:06 |
| S293 | 1905 | S288 AND "348"/\$.COLS.  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/05/30<br>22:19 |
| S294 | 1069 | ((broadcast TV CATV cable video television) WITH S284 WITH ((cache memory stor\$3 download\$3 buffer 'pre?load\$3') NEAR4 (portion segment section preview 'lead-in' lead beginning first capacity space amount time \$5bytes MB KB))  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/05/30<br>22:21 |
| S295 | 476  | S294 WITH S286   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/05/30<br>22:22 |
| S296 | 219  | S295 AND (((@ad <= "19991013") or (@rlad <= "19991013"))   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/05/30<br>22:22 |
| S297 | 6945 | ((broadcast television TV CATV cable video schedul \$2) NEAR2 (program\$5 show broadcast television TV CATV cable)) WITH ((cache memory stor\$3 download\$3 buffer 'pre?load \$3') NEAR4 (portion segment section preview 'lead-in' lead beginning first capacity space amount time \$5bytes MB KB)) | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/05/30<br>22:28 |
| S298 | 3601 | S297 WITH S286   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/05/30<br>22:28 |

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| S299 | 1425 | S298 AND (((@ad <= "19991013") or (@riad <= "19991013"))   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/05/30<br>22:28 |
| S300 | 441  | S299 AND "725"/\$.CQLS.  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/05/30<br>22:29 |
| S301 | 8    | ("5583560"   "5734589"  <br>"6157929"   "6327418"  <br>"6337715"   "6449688"  <br>"6546426"   "6728965").<br>PN.   | US-PGPUB;<br>USPAT; USOCR                               | OR | ON | 2008/05/30<br>22:34 |
| S302 | 8    | ("6337715").URPN.  | USPAT   | OR | ON | 2008/05/30<br>22:40 |
| S303 | 18   | ("20020019979"  <br>"5848396"   "5990881"  <br>"5991306"   "6157948"  <br>"6298482"   "6337715"  <br>"6357043"   "6442755"  <br>"6445306"   "6470497"  <br>"6532591"   "6608633"  <br>"6614843"   "6681395"  <br>"6751401"   "6898801"  <br>"7032236").PN. | US-PGPUB;<br>USPAT; USOCR                               | OR | ON | 2008/05/30<br>22:44 |
| S304 | 3    | ("5864562"   "5983366"  <br>"5990955").PN.   | US-PGPUB;<br>USPAT; USOCR                               | OR | ON | 2008/05/30<br>22:56 |
| S305 | 14   | ("6157948").URPN.  | USPAT   | OR | ON | 2008/05/30<br>22:56 |
| S306 | 7    | ("20010034787"  <br>"20020010937"  <br>"5440334"   "6157948"  <br>"6191782"   "6615039"  <br>"6698020").PN.  | US-PGPUB;<br>USPAT; USOCR                               | OR | ON | 2008/05/30<br>22:56 |
| S307 | 14   | ("20010016944"  <br>"4868866"   "5130792"  <br>"5761438"   "5886731"  <br>"5930493"   "6002720"  <br>"6085235"   "6115035"  <br>"6157948"   "6344878"  <br>"6363380"   "6493877"  <br>"6609251").PN.   | US-PGPUB;<br>USPAT; USOCR                               | OR | ON | 2008/05/30<br>22:59 |
| S308 | 18   | ("20020019979"  <br>"5848396"   "5990881"  <br>"5991306"   "6157948"  <br>"6298482"   "6337715"  <br>"6357043"   "6442755"  <br>"6445306"   "6470497"  <br>"6532591"   "6608633"  <br>"6614843"   "6681395"  <br>"6751401"   "6898801"  <br>"7032236").PN. | US-PGPUB;<br>USPAT; USOCR                               | OR | ON | 2008/05/30<br>23:01 |

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|------|---------|--|--|----|----|---------------------|
| S309 | 31      | ("20030149988"  <br>"5130792"   "5191573"  <br>"5357276"   "5530754"  <br>"5534941"   "5583561"  <br>"5604528"   "5619247"  <br>"5619249"   "5701383"  <br>"5721815"   "5790935"  <br>"5805154"   "6065050"  <br>"6163272"   "6177931"  <br>"6209024"   "6229895"  <br>"6233389"   "6233607"  <br>"6240553"   "6253375"  <br>"6282207"   "6314572"  <br>"6314573"   "6314575"  <br>"6324338"   "6532589"  <br>"6614987"   "RE36801").<br>PN. | US-PGPUB;<br>USPAT; USOCR                                      | OR | ON | 2008/05/30<br>23:06 |
| S310 | 1851919 | ((("set top" CATV TV<br>television cable user<br>consumer subscriber<br>viewer) NEAR2 (box<br>terminal device unit<br>receiver decoder tuner<br>converter)) or STB or STT<br>or (receiver TV television<br>VCR VTR videocassette PVR<br>(personal video) NEAR2<br>(cassette recorder)) DVR)  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB        | OR | ON | 2008/06/18<br>21:46 |
| S311 | 1692950 | ((cache memory \$2stor\$3<br>download\$3 buffer "pre?<br>load\$3") NEAR4 (portion<br>segment section preview<br>"lead?in" lead beginning<br>first capacity space amount<br>time \$5bytes MB KB))   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB        | OR | ON | 2008/06/18<br>21:49 |
| S312 | 48188   | S310 WITH S311   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB        | OR | ON | 2008/06/18<br>21:50 |
| S313 | 3054    | S312 WITH ((broadcast TV<br>television CATV schedul\$3<br>NVOD "near video on<br>demand" staggered) NEAR3<br>(program\$4 transmission<br>broadcast show movie))  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB        | OR | ON | 2008/06/18<br>21:53 |
| S314 | 1086    | S313 AND (((@ad <=<br>"19991013") or (@rlad <=<br>"19991013")))  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/06/18<br>21:53 |
| S315 | 364     | S314 AND "725"/\$.ccls.  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/06/18<br>21:54 |

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| S316 | 2    | S314 AND "725"/107,124-127.ccls.  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/06/18<br>23:51 |
| S317 | 7279 | S311 SAME ((overcom\$3<br>avoid\$3 solve solution<br>benefit advantage purpose)<br>NEAR5 (hiatus trouble<br>latency noise delay "shut?<br>down" error))             | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/06/19<br>00:04 |
| S318 | 7326 | S311 SAME ((overcom\$3<br>avoid\$3 \$2solve solution<br>benefit advantage purpose)<br>NEAR5 (hiatus trouble<br>latency noise delay "shut?<br>down" error))          | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/06/19<br>00:05 |
| S319 | 3510 | S318 AND ((@ad <=<br>"19991013") or (@riad <=<br>"19991013"))   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/06/19<br>00:05 |
| S320 | 17   | S319 AND "725"/\$.ccls.   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/06/19<br>00:06 |
| S321 | 137  | (NVOD ("near" ADJ2 (video<br>movie broadcast)) ) WITH<br>((multiple different separate<br>another alternative option<br>\$2) NEAR4 (channel path<br>time))          | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/01/15<br>14:27 |
| S322 | 91   | S321 AND ((@ad <=<br>"19991013") or (@riad <=<br>"19991013"))   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/01/15<br>14:28 |
| S323 | 48   | (NVOD ("near" ADJ2 (video<br>movie broadcast)) ) WITH<br>((\$4cache \$4stor\$3 leader<br>"lead\$1in") NEAR3<br>(segment portion section<br>part\$3 frames content)) | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/01/15<br>14:49 |
| S324 | 21   | S323 AND ((@ad <=<br>"19991013") or (@riad <=<br>"19991013"))   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/01/15<br>14:50 |
| S325 | 2    | ("5826168").URPN.   | USPAT  | OR | ON | 2009/01/15<br>14:52 |
| S326 | 28   | ("5729280").URPN.   | USPAT  | OR | ON | 2009/01/15<br>14:53 |



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| S327 | 1       | "5884141".pn.  | USPAT   | OR | ON | 2009/01/15<br>14:54 |
| S328 | 1991717 | ((("set top" CATV TV television cable user consumer subscriber viewer) NEAR2 (box terminal device unit receiver decoder tuner)) or STB or STT or (receiver TV television VCR VTR videocassette PVR ((personal video) NEAR2 (cassette recorder)) DVR) | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB                 | OR | ON | 2010/01/12<br>13:58 |
| S329 | 2160667 | ((("set top" CATV TV television cable user consumer subscriber viewer) NEAR2 (box terminal device unit receiver decoder tuner)) or STB or STT or (receiver TV television VCR VTR videocassette PVR ((personal video) NEAR2 (cassette recorder)) DVR) | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB                 | OR | ON | 2010/01/12<br>13:59 |
| S330 | 5218    | S329 WITH ((\$4cache memory stor\$3 RAM buffer retriev\$4) NEAR5 (begin\$5 start\$3 "lead?n" trailer preview))   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB          | OR | ON | 2010/01/12<br>13:59 |
| S331 | 2121    | S330 AND ((@ad <= "19991013") or (@rlad <= "19991013"))  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB                 | OR | ON | 2010/01/12<br>14:00 |
| S332 | 174     | S331 AND "725"/\$.ccls.  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB                 | OR | ON | 2010/01/12<br>14:00 |
| S333 | 56      | 725/89.ccls. AND ((@ad <= "19991013") or (@rlad <= "19991013"))  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB                 | OR | ON | 2010/01/12<br>14:02 |
| S334 | 219     | 725/134,142.ccls. AND ((@ad <= "19991013") or (@rlad <= "19991013"))   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB                 | OR | ON | 2010/01/12<br>16:06 |
| S335 | 39      | (NVOD "near video on demand" staggered) WITH (singelcast "single cast" ((dedicat\$3 exclusive) NEAR2 (channel path transmission)) unicast)   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/01/12<br>17:52 |

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| S336 | 108   | (NVD "near video on demand" staggered) SAME (singlecast "single cast" ((dedicat\$3 exclusive) NEAR2 (channel path transmission)) unicast) | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/01/12<br>17:53 |
| S337 | 43    | S336 AND ((@ad <= "19991013") or (@rlad <= "19991013"))   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB                 | OR | ON | 2010/01/12<br>17:54 |
| S338 | 17403 | (broadcast multicast) SAME (singlecast "single cast" ((dedicat\$3 exclusive) NEAR2 (channel path transmission)) unicast)                  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/01/12<br>20:33 |
| S339 | 14337 | (broadcast multicast) WITH (singlecast "single cast" ((dedicat\$3 exclusive) NEAR2 (channel path transmission)) unicast)                  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/01/12<br>20:33 |
| S340 | 2033  | S339 AND ((@ad <= "19991013") or (@rlad <= "19991013"))   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB                 | OR | ON | 2010/01/12<br>20:33 |
| S341 | 50    | (NVD "near video on demand" ((linear\$2 staggered) NEAR2 (broadcast demand transmission)) ) SAME S338                                     | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/01/12<br>20:35 |
| S342 | 10    | S341 AND ((@ad <= "19991013") or (@rlad <= "19991013"))   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB                 | OR | ON | 2010/01/12<br>20:35 |
| S343 | 56    | 725/89.ccls. AND ((@ad <= "19991013") or (@rlad <= "19991013"))   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB                 | OR | ON | 2010/05/25<br>15:59 |
| S344 | 1342  | (NVD ("near") ADJ2 (video movie broadcast)) ) WITH (VOD ((video movie program broadcast channel viewing) NEAR2 (demand)) )                | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB          | OR | ON | 2010/10/25<br>15:20 |
| S345 | 566   | S344 AND ((@ad <= "19991013") or (@rlad <= "19991013"))   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB                 | OR | ON | 2010/10/25<br>15:20 |

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| S346 | 299   | S345 AND "725"/\$.ccls.   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB          | OR | ON | 2010/10/25<br>15:21 |
| S347 | 4     | ("6990676" "5884141").pn.   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB          | OR | ON | 2010/10/25<br>15:28 |
| S348 | 16959 | (broadcast multicast VOD<br>(video NEAR2 demand) )<br>WITH (singelcast "single<br>cast" ((dedicat\$3 exclusive)<br>NEAR2 (channel path<br>transmission)) unicast) | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/10/25<br>15:37 |
| S349 | 2116  | S348 AND ((@ad <=<br>"19991013") or (@rlad <=<br>"19991013"))   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB                 | OR | ON | 2010/10/25<br>15:38 |
| S350 | 181   | S349 AND "725"/\$.ccls.   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB          | OR | ON | 2010/10/25<br>15:38 |
| S351 | 41    | (NVOID (("near") ADJ2<br>(video movie broadcast)))<br>WITH (singelcast "single<br>cast" ((dedicat\$3 exclusive)<br>NEAR2 (channel path<br>transmission)) unicast) | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/10/25<br>15:39 |
| S352 | 13    | S351 AND ((@ad <=<br>"19991013") or (@rlad <=<br>"19991013"))   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB                 | OR | ON | 2010/10/25<br>15:39 |
| S353 | 70    | (NVOID (("near") ADJ2<br>(video movie broadcast)))<br>SAME (singelcast "single<br>cast" ((dedicat\$3 exclusive)<br>NEAR2 (channel path<br>transmission)) unicast) | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/10/25<br>15:41 |
| S354 | 23    | S353 AND ((@ad <=<br>"19991013") or (@rlad <=<br>"19991013"))   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB                 | OR | ON | 2010/10/25<br>15:41 |
| S355 | 209   | (Pause restart resume)<br>WITH (singelcast "single<br>cast" ((dedicat\$3 exclusive)<br>NEAR2 (channel path<br>transmission)) unicast)                             | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/10/25<br>16:06 |

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| S356 | 27  | S355 AND ((@ad <= "19991013") or (@rlad <= "19991013"))  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB                 | OR | ON | 2010/10/25<br>16:07 |
| S357 | 86  | 725/88-89.ccls. AND (singlecast "single cast" ((dedicat\$3 exclusive) NEAR2 (channel path transmission)) unicast)  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/10/25<br>16:10 |
| S358 | 23  | S357 AND ((@ad <= "19991013") or (@rlad <= "19991013"))  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB                 | OR | ON | 2010/10/25<br>16:10 |
| S359 | 126 | (NVOD "near video on demand" staggered) SAME (singlecast "single cast" ((dedicat\$3 exclusive) NEAR2 (channel path transmission)) narrowcast unicast)    | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2011/03/11<br>23:21 |
| S360 | 45  | S359 AND ((@ad <= "19991013") or (@rlad <= "19991013"))  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB                 | OR | ON | 2011/03/11<br>23:21 |
| S361 | 474 | (Pause restart resume) WITH (singlecast "single cast" ((dedicat\$3 exclusive assign\$ allocat\$3) NEAR2 (channel path transmission)) unicast narrowcast) | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2011/03/11<br>23:25 |
| S362 | 474 | (Pause restart resume) WITH (singlecast "single cast" ((dedicat\$3 exclusive assign\$ allocat\$3) NEAR2 (channel path transmission)) unicast narrowcast) | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2011/03/11<br>23:26 |
| S363 | 129 | S362 AND ((@ad <= "19991013") or (@rlad <= "19991013"))  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB                 | OR | ON | 2011/03/11<br>23:26 |
| S364 | 4   | (NVOD "near video on demand" staggered) AND S363   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2011/03/11<br>23:28 |

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| S365 | 7158 | (NVD "near video on demand" staggered) AND (singelcast "single cast" ((dedicat\$3 exclusive assign\$4 allocat\$3 particular limited) NEAR2 (channel path transmission)) narrowcast unicast)                                | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2011/03/12<br>01:31 |
| S366 | 2873 | S365 AND ((@ad <= "19991013") or (@rlad <= "19991013"))  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB                 | OR | ON | 2011/03/12<br>01:31 |
| S367 | 222  | S366 AND "725"/\$.ccls.  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB                 | OR | ON | 2011/03/12<br>01:32 |
| S368 | 1076 | (Pause restart resume) AND S366  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2011/03/12<br>01:33 |
| S369 | 128  | S368 AND "725"/\$.ccls.  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB                 | OR | ON | 2011/03/12<br>01:33 |
| S370 | 25   | (NVD "near video on demand" staggered) SAME (singelcast "single cast" ((dedicat\$3 exclusive assign\$4 allocat\$3 particular limited) NEAR2 (channel path transmission)) narrowcast unicast) SAME (Pause restart resume)   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2011/03/12<br>01:34 |
| S371 | 13   | S370 AND ((@ad <= "19991013") or (@rlad <= "19991013"))  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB                 | OR | ON | 2011/03/12<br>01:34 |
| S372 | 107  | (NVD "near video on demand" staggered) AND ((singelcast "single cast" ((dedicat\$3 exclusive assign\$4 allocat\$3 particular limited) NEAR2 (channel path transmission)) narrowcast unicast) SAME (Pause restart resume) ) | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2011/03/12<br>01:37 |

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| S373 | 60      | S372 AND (((@ad <= "19991013") or (@rlad <= "19991013"))   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB                 | OR | ON | 2011/03/12<br>01:37 |
| S374 | 94      | 725/88-89.ccls. AND (singelcast "single cast" ((dedicat\$3 exclusive) NEAR2 (channel path transmission)) unicast)  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2011/05/02<br>14:10 |
| S375 | 25      | S374 AND (((@ad <= "19991013") or (@rlad <= "19991013"))   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB                 | OR | ON | 2011/05/02<br>14:10 |
| S376 | 3159    | "725"/\$.ccls. AND (singelcast "single cast" ((dedicat\$3 exclusive) NEAR2 (channel path transmission)) unicast)   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2011/05/02<br>14:14 |
| S377 | 834     | S376 AND (((@ad <= "19991013") or (@rlad <= "19991013"))   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB                 | OR | ON | 2011/05/02<br>14:15 |
| S378 | 2357876 | ((("set top" CATV TV television cable user consumer subscriber viewer) NEAR2 (box terminal device unit receiver decoder tuner)) or STB or STT or (receiver TV television)  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB                 | OR | ON | 2011/05/02<br>14:15 |
| S379 | 161943  | ((program video TV CATV cable menu television schedule interactive) NEAR2 (guide schedule listing grid menu)) EPG IPG  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB          | OR | ON | 2011/05/02<br>14:26 |
| S380 | 86289   | (broadcast TV CATV cable video S379) WITH ((cache memory stor\$3 download\$3 buffer "pre?load\$3") NEAR4 (portion segment section preview "lead-in" lead beginning first capacity space amount time \$5bytes MB KB)) | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB                 | OR | ON | 2011/05/02<br>14:26 |
| S381 | 822     | S377 AND S378  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB                 | OR | ON | 2011/05/02<br>14:26 |

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| S382 | 14120 | S379 AND S380 | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2011/05/02<br>14:26 |
| S383 | 527   | S379 AND S381 | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2011/05/02<br>14:27 |

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